



The ELT Time Transfer Activity for the ACES clocks in space was covered. The requirements for participating in the time transfer as well as the mission scenario as a whole was pointed out. Since variable and unrecognized time delays are usually present on all stations, this prohibits time to become an observable in space geodesy. To mitigate the effects from hidden delays and in preparation of the ELT mission, Wettzell is switching to an actively delay compensated time and frequency distribution system starting in the first half of 2016.

T2L2 has already shown impressive results for time transfer and is aiming for another non-common-view campaign. The Russian network routinely applies time transfer, which demonstrates a good resolution and stability for Glonass observations. Finally a successful pilot experiment for the transfer of a quantum cryptography key was introduced. The experiment was carried out at the MLRO.